W	or	k	O	r	d	eı	r	1	D	6	59	5	3	١.
												_	_	



Page 1

Wednesday, May 11, 2011 4:05:38 PM Item ID: D3492-1 Accept Setup Start Revision ID: Stop Item Name: Plug Start Qty: 100.00 **Start Date:** 5/11/2011 Cust Item ID: Required Date: 5/16/2011 Req'd Qty: 100.00 Customer: Reference: Start Run Tooling: Process Plan: Approvals: Date: Stop QC: Date: SPC (Y/N): Date: Sequence ID/ Operation Tool # Plan Reject Set Up/ Tool ID Accept Reject Insp. Work Center ID Number Description Qty Qty Stamp **Run Hours** Code Revision Nbr **Draw Nbr** D3492 100 Hardinge CNC LATHE SMALL Hardinge 0.00 Memo Hardinge CNC Lathe Small 1-Turn as per Folio FA633 & Dwg D3492 10/3/31 Dwg Rev: Folio Rev: () 110 QC2- Inspect parts off machine FAI/FAIB 0.00 0.00 QC Memo Quality Control 1115/31 120 QC8- Inspect parts - second check 0.00 RP 11.5.31 0.00 QC Memo Quality Control

	_								
W/O:			W	ORK ORDER CHANG	ES				7
DATE	STEP	PRO	CEDURE CHA	ANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
	·								
Part No	:	PAR #:	Fault Cate	egory:	_ NCR: Yes	No DQ	A:	_ Date: _	
	Re	esolution:	Dispositio	on:	_ QA: N/C C	losed:		Date: _	
NCR:		1	WORK ORD	ER NON-CONFORM	ANCE (NCI	₹)			
DATE	STEP	Description of NC		Corrective Action Section		Verifi	cation	Approval	Approval
DATE	SIEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign of Date	Sect	ion C	Chief Eng	QC Inspector
				·					
									-

Work Orde Wednesday, May												Page 2
Item ID: Revision ID:	D3492-1			Accept					Setup			
Item Name: Start Date: Required Date: Reference:	Plug 5/11/2011 5/16/2011	Start Qty: 100.00 Req'd Qty: 100.00			Cust Item					Stop		
Approvals:		nn:	Date:	Tooling: SPC (Y/N):		ate:			Run	Start Stop		
Sequence ID/ Work Center II 130 Small Fab Small Fab)	Operation Description Small Fab Memo 1-Deburr if no 2-Termble	-	Set Up/ Run Hours 0.00	Tool ID	Tool#	Plan Code	Accep Qty	ot Rej Qty		Reject Number	Insp. Stamp
QC Quality Control		QC5- Inspect part completed Memo	teness to step on W/C	u (200 0.00								
150 HandFinish		Chemical Conversion Coa	at per QS1005 4.1	0.00				100		4	Ж.,	اصولور

Memo

Hand Finishing

W/O:	-		W	ORK ORDER CHANG	ES		,	```
DATE	STEP	PRO	CEDURE CHA	NGE	Ву	Date Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
				-	,		1.00.00	
		·					*	
Part No		PAR #:	Fault Cate	gory:	_ NCR: Yes	No DQA:	Date: _	
	Re	esolution:	Dispositio	n:	_ QA: N/C Cld	sed:	Date: _	
NCR:		\	WORK ORD	ER NON-CONFORM	ANCE (NCR)	٤.	
DATE	STEP	Description of NC			tion B	Verification	Approval	Approval
DAIL	SIEF	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector
						·		
								,
		~			*			
				•				
					, i			

Packaging

	•								
W/O:			W	ORK ORDER CHANG	SES				•
DATE	STEP	PRO	CEDURE CH	ANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
-			_						
Part No	:	PAR #:	Fault Cat	egory:	_ NCR: Yes	No DO	QA:	Date: _	
	R	esolution:	Dispositi	on:	QA: N/C	Closed: _		Date: _	
NCR:		V	VORK OR	DER NON-CONFORM	ANCE (NC	R)			
DATE	STEP	Description of NC			tion B	Veri	ication	Approval	Approval
DATE	SIEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Dat		ction C	Chief Eng	QC Inspector
									-
, ,	_	,							

W	ork	Ord	er II	69	531
* *	O A AA	V 1 4		, ,	~~~

Wednesday, May 11, 2011 4:05:39 PM



Page 4

Item ID:

D3492-1

Accept



Setup Start



Revision ID:

Start Date:

Item Name:

Plug

5/11/2011

Start Qty: 100.00

Req'd Qty: 100.00

Cust Item ID:

Customer:

Tool ID

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run

Start

Stop



Required Date: 5/16/2011

QC:

Date:

SPC (Y/N):

Set Up/

Date:

Stop



Sequence ID/

Work Center ID

190

QC

Memo

QC21- Final Inspection - Work Order Release

Operation

Description

Run Hours

0.00

0.00

Accept Code Qty

Reject Qty

Reject Insp. Number Stamp

Quality Control

Tool # Plan

W/O:	-		W	ORK ORDER CHANG	ES	•			
DATE	STEP	PRO	CEDURE CH	ANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
_									
Part No	•	PAR #:	Fault Ca	tegory:	NCR: Yes	No DQ	A:	Date: _	
	R	esolution:	Disposit	ion:	_ QA: N/C C	osed:		Date: _	
NCR:		V	VORK OR	DER NON-CONFORMA	NCE (NCI	?)			
DATE	STEP	Description of NC		Corrective Action Secti		Verifi	cation	Approval	Approval
DAIL	SIEF	Section A	Initial Chief Eng	Action Description Chief Eng	Sign of Date		tion C	Chief Eng	QC Inspector
				· .					

Picklist Print

Wednesday, May 11, 2011 4:05:45 PM

Work Order ID: 69531

Parent Item: D3492-1

Parent Item Name: Plug



Start Date: 5/11/2011

Required Date: 5/16/2011

Page 1

Start Qty: 100.00

Required Qty: 100.00

Comments:

IPP Rev:A 11.04.19 per dwg revC DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M6061T6R0.625		Purchased	No			100	f	90.0000	0.0625	6.578947	1	_	
										3	11	ノくノン	

6061-T6 Round Bar .625"

Location		Loc Qty	Loc Code	
MAT012		90		
1	17284	53		
1	17481	37		6 Et

	•									
W/O:			WO	RK ORDER CHA	NGES	_		,		· · ·
DATE	STEP	PRO	OCEDURE CHAI	NGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
										·.
Part No	:	PAR #:	Fault Cate	gory:	NCI	R: Yes	No DQ	A:	Date:	
	Res	solution:	Disposition	n:	QA:	N/C Cld	sed:		Date: _	
NCR:		,	WORK ORDE	R NON-CONFOR	RMANCE	(NCR)			
DATE	STEP	Description of NC			Section B		Verifi	cation	Approval	Approval
DATE	SIEP	Section A	Initial Action Desc Chief Eng Chief Er		ption Sign & Date		Section C		Chief Eng	QC Inspector
					يۇر.					
					÷.					
		-								
								•		

DART AEROSPACE LTD	Work Order:	695.31
Description: Plug	Part Number:	D3492-1
Inspection Dwg: D3492 Rev:		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

X First Article Prototype											
Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments					
0.060	+/-0.005	.060			5/-9	Al1					
0.060	+/-0.005	7059									
Ø0.394	+/-0.010	0,394				_					
Ø0.625	+/-0.010	\$ 623									
0.090	+0.000/-0.002	088									

+/-0.010 0.050 x 20°

			•			
Measured by:	Audite	ed by: R			Prototype Approval:	N/A
Date: (1) \$\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		Date: /(5-3], [Date:	N/A

Rev	Date	Change	Revised by	Approved
Α	06.06.02	New Issue P/O D3492-041	KJ/JLM	
В	06.10.16	Ø0.625 was Ø0.500	KJ/JLM	
С	07.11.23	Tolerances revised	KJ/EC/DD 1.A	
D	08.06.19	0.050 x 20° dimension added	KJ/DD S	N.

0.500

+/-0.010

±0.0001-0.002

-NAS1611 O-RING (SEE TABLE) D3492-XX PLUG (SEE TABLE)

w/o 69531

D3492-XXX PLUG PARTS LIST

01Y -041	QTY -043	-045	-047	-049	-051	QTY -053	PART NUMBER	DESCRIPTION
X)						D3492-041	PLUG ABSEMBLY *
	X						D3492-043	PLUG ASSEMBLY
		X					D3492-045	PLUG ASSEMBLY
			X				D3492-047	PLUG ASSEMBLY
				X			D3492-049	PLUG ASSEMBLY
					X		D3492-051	PLUG ASSEMBLY
						X	D3492-053	PLUG ASSEMBLY
							D3492-1	PLUG
	1						D3492-3	PLUG
·····i		1	,				D3492-5	PLUG
		and the same of th	1				D3492 7	PLUG
				1			D3492-9	PLUG
					1		D3492-11	PLUG
						1	D3492-13	PLUG
1		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.,		,	n ,	NAS1611-005	O-RING
			1				NAS1611-007	O-RING
(1)			Section of the sectio				NAS1611-010	O-RING
Con.						1	NAS1611-012	O-RING
	1						NAS1611-013	O-RING
					1		NAS1611-015	O-RING
			***************************************	1			NAS1611-016	O-RING

NOTES: 1) O-RING: POSSIBLE SUPPLIER PIN: NAS1611-XXX OR PARKER 2-XXX

a	INCORPORATED DEG D3492-C-1, SRT Z DIM C FOR -1 WAS 0 055 (SEE CAR11-048)	AJS	11.05.24
C	ADD-049/-051/-053, CHANGE DRAWING FORMAT	PH	07.50.06
В	ADD-047; UPDATE DIM A FOR-045	PH	06.05.11
Α	NEW ISSUE	PH	06.01.04
REV.	DESCRIPTION	BY	DATE

DESIGN	PH	DART AERO	SPACE LTD
DRAWN	A.S	HAWKESBURY, OF	VTARIO, CANADA
CHECKED		DRAWING NO.	REV. D
MFG. APPR.	JFA	D3492	SHEET 1 QF 2
APPROVED	V	TITLE	SCALE
DE APPR.	78	PLUG	2:1
DATE 11.6	05.24	THE THE WAS LOS OF THE WAS TO SERVE AND THE WAS THE WA	FEFFEL ON THE COPPLETS CONCINCION THAT IT IS

D

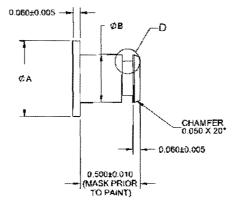
·				
	•			
		•		
				·
¥				

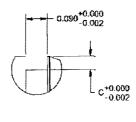
POWDER COAT THESE FACES ONLY PER NOTE 2

8

'n

Ċ





2

DETAIL D

D3492-XX PLUG

D3492-XX PLUG MACHINING DETAILS

	P/N	A	В	C	MATERIAL SPEC
/	D3492-1	:0.625	0.394	0.050	MS061T6R0 625 0
	D3492-3	0.750	0.582	0.045	M6061T6R0.750
	D3492-5	0.375	0.188	0.045	M6061T6R0.375
	D3492-7	0.500	0.270	0.045	M6061T6R0.500
	D3492-9	0.938	0.750	0.045	M6061T6R1.000
	D3492-11	0.850	0.664	0.045	M6061T6R0.875
	D3492-13	0,750	0.510	0.045	M6061T6R0.750

NOTES:
1) MATERIAL: ALUMINUM 5052-H32 OR 6061-T6 OR 1100-0 PER QQ-A-225/7 (5062) OR QQ-A-225/8 (6061) OR QQ-A-200/8 (6061) OR QQ-A-225/1 (1100) (REF. DART MATERIAL SPEC M6061T6R0.000)
2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1 POWDER COAT WHITE GLOSS (4.3.5.1) PER DART QSI 006 4.3
3) TOLERANCES: PER DART QSI 018 UNILESS OTHERWISE NOTED 4) UNITS: INCHES UNILESS OTHERWISE NOTED 5) BREAK SHARP EDGES; 0.005 TO 0.010 MAX 6) IDENTIFICATION: N/A 7) WEIGHT: N/A

DESIGN	PH	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
DRAWN	AS				
CHECKED	1	DRAWING NO.	REV. D		
MFG. APPR.	TESA	D3492	SHEET 2 OF 2		
APPROVED	100	IIILE	SCALE		
DE APPR.		PLUG	. d;t		
DATE 11.0	5.24	COPYRIGHT © 2007 BY DART THE DISCHART OF HEAVY AND HEAVY AND THE SECOND FOR MY HEAVY AND THE SECOND HEAVY AND THE	ED CAN HAVE EXCHANGED AND BY THE TO SEE AND BY THE		

5

4

8

* 3